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Publications

Publication in SCI/ Scopus Journals

No.	Author(s)	Year of Publication	Title of Paper	Name of the Journal, volume/ page numbers	IISN/ISBN no.
1	Ravneet K Grewal, Baldeep Kaur, Gagandeep Kaur	2020	Kinetic Behaviour of Amylase according to pH: A New Perspective for Starch Hydrolysis Process	Current Enzyme Inhibition DOI:10.2174/1573408016666200316114808	1573-4080
2	Harman Kalsi, Ravneet K Grewal	2015	Studies on interaction of mouse intestinal P-glycoprotein with oral antidiabetic drugs and its inhibitor	Indian Journal of Experimental Biology 53: 611-616	0019-5189
3	Tajwinder Kaur, Amandeep Kaur, Ravneet K Grewal	2015	Kinetics studies with Fruit Bromelain (<i>Ananas Comosus</i>) in the presence of cysteine and divalent ions	Journal of Food Science & Technology 52(9):5954-59	0022-1155
4	RK Grewal, A Mahmood	2010	The effects of ethanol administration on brush border membrane glycolipids in rat intestine	Alcohol 44: 515-522	0741-8329
5	RK Grewal, A Mahmood	2009	A shift in microvillus membrane fucosylation to sialylation by ethanol ingestion in rat intestine	Molecular and Cellular Biochemistry 331(1-2):19-25	0300-8177
6	RK Grewal, A Mahmood	2009	Ethanol induced changes in glycosylation of mucins in rat intestine	Annals of Gastroenterology 22(3): 178-183	1108-7471
7	RK Grewal, A Mahmood	2004	Coordinated secretion of alkaline phosphatase into serum and intestine in fat fed rats	Indian Journal of Gastroenterology 23:175-177	0254-8860

Publications in Non-SCI/Scopus Journals

	Author(s)	Year of Publication	Title of Paper	Name of the Journal, volume/ page numbers	ISSN/ISBN No.
9	RK Grewal, A Pathania, M Chawla	2014	Human sialyltransferases and its interaction with anticancer phytochemicals.	International Journal of Pharma and Biosciences 5(3): B691-698	0975-6299
10	S Sharma, RK Grewal	2014	Invitro studies on the antioxidant activities of extracts from the flowers of <i>Gomphrena globosa</i>	International Journal of Pharma and Biosciences 5(3): 457-465.	0975-6299

Book Chapter

	Name of Book	Chapter Title	Year of Publication	Name of Publisher	Co-authors (if any)
11.	Carbohydrate Chemistry-Chemical and Biological Approaches	Glycosyltransferase Inhibitors: A Promising Strategy to Pave a Path from Laboratory to Therapy	2018	Royal Society of Chemistry	Paula Videria, Filipa Marcelo

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Oral Talk/Posters in Conferences

- Priyanka Basu, Sandeep Kaur, Arun Singh Pathania, Mohit Chawla, **Ravneet K Grewal** (2019) Docking Studies of Glycosyltransferase specific Alternate Inhibitor Chemotypes: Curcumin and Resveratrol. 13th Chandigarh Science Congress, Chandigarh, India.
- Priyanka Basu, Sandeep Kaur, Arun Singh Pathania, Mohit Chawla, **Ravneet K Grewal** (2018) Curcumin and resveratrol transpire as potent alternate inhibitor chemotype for human sialyltransferases involved in metastasis: A molecular docking analysis. *Drug discovery: Biotech & Pharma at CrossRoads, Thaper Institute of Engineering and Technology, Patiala, Punjab, India.*
- Gagandeep Kaur, Baldeep Kaur, **Ravneet K Grewal** (2016) Kinetic modulation of fungal amylase in the presence of divalent ions. *International Conference on Chemical and Biochemical Engineering (ICCBE), Auckland, New Zealand* and **awarded certificate for best oral presentation.**
- Tajwinder Kaur, Amandeep Kaur, **Ravneet K Grewal** (2016) Kinetic Modulation of Bromelain (*Ananas comosus*) as a function of Activators and Inhibitors. *New Zealand Institute of Food Science and Technology (NZIFST) Conference, Rotorua, New Zealand.*
- Gagandeep Kaur, Baldeep Kaur, Navjot Kaur, Mandeep Singh, **Ravneet K Grewal** (2016) Kinetic modulation of fungal amylase in the presence of divalent ions. *International Conference on Recent Advances in Emerging Technologies (ICRAET-2016), Fatehgarh Sahib, Punjab, India.*
- Karishma Saluja, Arun Singh Pathania, **Ravneet Kaur**, Mohit Chawla (2014) Human sialyltransferases: Modeling and interaction studies with anticancer phytochemicals. *248 ACS National Meeting and Exposition, San Francisco (USA).*
- Tajwinder Kaur, Amandeep Kaur and **Ravneet K Grewal** (2013) Effects of Ca²⁺ and Cu²⁺ on the kinetic characteristics of Bromelain extracted from *Ananas Comosus*. *82nd Annual Meeting of the Society of Biological Chemists (India) and International Conference on Genomes: Mechanism and Function, Hyderabad, India.*
- **R Grewal**, A Mahmood (2007) Effect of chronic ethanol ingestion on intestinal glycosylation in rat intestine. *1st Chandigarh Science Congress, Chandigarh, India.*
- **R Grewal**, A Mahmood (2005) Changes in membrane glycolipids in ethanol fed rat intestine. *74th Annual Conference of the Society of Biological Chemists (India), Lucknow, India.*
- **R Grewal**, A Mahmood (2004) Protein synthesis inhibitors block the secretion on fat feeding in rats. *91st Indian Science Congress, Chandigarh, India.*